

## INTERNAL WELD PROFILE GAUGE

### ABSTRACT OF THE DISCLOSURE

5           A tool for inspecting and verifying weld beads in a pipeline includes a plate-like structure which has a surface and edges adapted for inspecting and verifying various weld bead attributes. The surface is imprinted with several identification marks, including for example, wall thicknesses and ratios of weld bead width to wall thickness. The tool can be used to verify weld bead  
10          convexity, weld bead concavity, and weld bead width for many different wall thicknesses. The tool is capable of verifying weld bead width and axial alignment of successive sections of pipe along the pipeline. All verifications and measurements are visual and tactile, without need for complex machinery or calculations, and can be accomplished with a single, lightweight tool.  
15          Additionally, a single tool can be used to verify weld beads for a variety of different pipe thicknesses.

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